# Datasheet: MCA2565

| | |
|---|---|
| **Description:** | MOUSE ANTI CYTOMEGALOVIRUS |
| **Specificity:** | CYTOMEGALOVIRUS |
| **Other names:** | CMV |
| **Format:** | Purified |
| **Product Type:** | Monoclonal Antibody |
| **Clone:** | 0891 |
| **Isotype:** | IgG2a |
| **Quantity:** | 0.1 mg |

## Product Details

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|---|---|---|---|---|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | | | ▪ | |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1/10 - 1/50 |
| Immunofluorescence | ▪ | | | 1/10 - 1/50 |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

| | |
|---|---|
| **Target Species** | Viral |
| **Product Form** | Purified IgG - liquid |
| **Preparation** | Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant. |
| **Buffer Solution** | Phosphate buffered saline |
| **Preservative Stabilisers** | 0.1% Sodium Azide ($NaN_3$)<br>1% Bovine Serum Albumin |
| **Approx. Protein Concentrations** | IgG concentration 0.1mg/ml |
| **External Database Links** | **UniProt:** |

P06725 Related reagents

| | |
|---|---|
| **Specificity** | **Mouse anti Cytomegalovirus antibody, clone 0891** recognizes the ~65 kDa late major matrix protein of the cytomegalovirus (CMV), a member of the herpesvirus family. CMV is a DNA virus that is widespread in the general population and characterized by its ability to give rise to persistent latent infections. The virus is the largest of the herpesviruses and has the largest genome of any known virus.<br><br>CMV is transmitted by the parenteral route and persists latently in circulating leukocytes and endothelial cells lining the walls of blood vessels. CMV lyses cells by disrupting the cytoskeleton and causing massive cell enlargement. |
| **References** | 1. Hunninghake, G.W. *et al.* (1999) Cytomegalovirus infection. Regulation of inflammation. Am J Respir Cell Mol Biol. 21 (2): 150-2.<br>2. Griffiths, P.D. (2002) The 2001 Garrod lecture. The treatment of cytomegalovirus infection. J Antimicrob Chemother. 49 (2): 243-53. |
| **Storage** | Store at +4°C or at -20°C if preferred.<br>Storage in frost-free freezers is not recommended.<br>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
| **Shelf Life** | 18 months from date of despatch. |
| **Health And Safety Information** | Material Safety Datasheet documentation available at:<br>Material Safety Datasheet Documentation #10304 available at:<br>https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf |
| **Regulatory** | For research purposes only |

# Related Products

## Recommended Secondary Antibodies

| | |
|---|---|
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos., HRP |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC, HRP |
| Rabbit Anti Mouse IgG (STAR8...) | DyLight®800 |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Human Anti Mouse IgG2a (HCA037...) | FITC, HRP |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |


**North & South America** Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com

**Worldwide** Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com

**Europe** Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

**Printed on 12 Apr 2018**